

## REMARKS/ARGUMENTS

Claims 1-3 are pending in the application; reexamination and reconsideration are hereby requested.

1. Claims 1-2 were rejected as anticipated by Aoki.

Claims 1-2: Base claim 1 requires estimating a motion vector for the downsampled blocks by scaling one of the input motion vectors for the blocks. In contrast, cited Aoki column 5, lines 36-60 and column 7, lines 50-67 sub-sample an image prior to search to find a motion vector; there are no input motion vectors with a subsequent selection. Indeed, Aoki is an encoder with input images and output motion vectors; whereas, claim 1 is a transcoder with input motion vectors and output motion vectors. Consequently, claims 1-2 are patentable over Aoki.

3. Claim 3 was rejected as unpatentable over Aoki in view of Mukerjee.

Claim 3: Applicant relies upon the patentability of base claim 1.

Respectfully submitted,

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